

Appl. No. 10/080,458
Atty. Docket No. G-275 (CP-1235)
Amdt. dated 07/19/2004
Reply to Office Action of 05/18/2004
Customer No. 27752

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

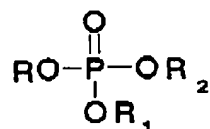
1. (Currently Amended) A method of cleaning a surface on to which a polymeric film of an anionic amphiphilic polymer has formed upon evaporation of solvent from an aqueous composition containing said polymer, the method comprising:
 - (a) incorporating in said aqueous composition during its preparation from about [[0.1%]] 0.5% to about [[15%]] 5% by weight of said aqueous composition of a phosphate ester surfactant, and
 - (b) washing the surface with a cleaning composition to substantially remove said polymeric film.
2. (Original) The method of Claim 1 in which the surface is selected from the group consisting of glass and metal.
3. (Original) The method of Claim 2 wherein the surface is metal.
4. (Original) The method of Claim 3 wherein the surface is steel.
5. (Original) The method of Claim 4 wherein the surface is stainless steel.
6. (Original) The method of Claim 5 in which the composition comprises hydrogen peroxide and has an acidic pH.
7. (Original) The method of Claim 1 wherein the anionic amphiphilic polymer is acrylate based.
8. (Original) The method of Claim 7 wherein the polymer is selected from the group consisting of
 - a) acrylates/beheneth-25 methacrylate copolymer;
 - b) acrylates/C10-C30 alkyl acrylate crosspolymer;
 - c) acrylates/ceteth-20 methacrylic copolymer;

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d) acrylates/steareth-20 methacrylic copolymer, and mixtures thereof.

9. (Currently Amended) A method of cleaning a stainless steel surface used in the manufacture, transfer and storage of an aqueous acidic composition containing an anionic amphiphilic polymer and an oxidizing agent and to which surface said polymer has formed an adherent film, the method comprising

(a) incorporating in said aqueous acidic composition during its preparation from about $[[0.1\%]]$ 0.5% to about $[[15\%]]$ 5% by weight of said aqueous acidic composition of a phosphate ester surfactant of the formula I



wherein R, R¹ and R² are each independently selected from the group consisting of hydrogen, an alkyl of from 1 to about 22 carbons, and an alkoxyated alkyl of from 1 to about 22 carbons and having from about 1 to about 25 moles ethylene oxide, with the proviso that at least one of R, R¹ and R² is an alkyl or alkoxyated alkyl as previously defined but having at least 6 alkyl carbons in said alkyl or alkoxyated alkyl group, and

(b) washing the stainless steel surface with a cleaning composition to substantially remove said film.

10. (Original) The method of Claim 9 wherein the anionic amphiphilic polymer is selected from the group consisting of

- a) acrylates/behenteth-25 methacrylate copolymer;
- b) acrylates/C10-C30 alkyl acrylate crosspolymer;
- c) acrylates/ceteth-20 methacrylic copolymer;
- d) acrylates/steareth-20 methacrylic copolymer, and mixtures thereof.

11. (Original) The method of Claim 10 wherein the polymer is selected from the group consisting of acrylates/behenteth-25 methacrylate copolymer, acrylate/steareth-20 methacrylate copolymer, and mixtures thereof.

12. (Original) The method of Claim 11 wherein said composition further comprises acrylates copolymer.

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13. (Original) The method of Claim 12 wherein the polymer is acrylates/steareth-20 methacrylate copolymer.
14. (Original) The method of Claim 10 wherein the oxidizing agent is hydrogen peroxide.
15. (Original) The method of Claim 9 wherein the cleaning composition is an alkaline solution having a pH of from about 8 to about 10.
16. (Previously Amended) The method of Claim 15 wherein the cleaning composition is applied under moderate pressure of from about 20 to about 40 psig.
17. (Currently Amended) A developer composition comprising on a weight basis by weight of the composition:
 - (a) from about ~~[[3%]]~~ 6% to about 15% of a hydrogen peroxide oxidizing agent;
 - (b) from about ~~[[0.1%]]~~ 0.5% to about ~~[[15%]]~~ 5% of a phosphate ester surfactant,
 - (c) from about 0.1% to about 10% of an anionic amphiphilic polymer; and
 - (d) water;wherein said developer composition has an acidic pH.
18. (Original) The composition of Claim 17 wherein the anionic amphiphilic polymer is selected from the group consisting of
 - a) acrylates/behent-25 methacrylate copolymer;
 - b) acrylates/C10-C30 alkyl acrylate crosspolymer;
 - c) acrylates/ceteth-20 methacrylic copolymer;
 - d) acrylates/steareth-20 methacrylic copolymer, and mixtures thereof.
19. (Original) The composition of Claim 18 wherein the polymer is selected from the group consisting of acrylates/behent-25 methacrylate copolymer, acrylates/steareth-20 methacrylate copolymer, and mixtures thereof.
20. (Original) The composition of Claim 19 wherein said composition further comprises acrylates copolymer.

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21. (Original) The composition of Claim 20 wherein the polymer is acrylates/steareth-20 methacrylate copolymer.
22. (Original) The composition of Claim 18 wherein the pH is from about 2.5 to about 6.5.
23. (Original) The composition of Claim 17 further comprising an organic cosolvent selected from the group consisting of C₂ to C₆ mono- and polyhydric alcohols.
24. (Original) The composition of Claim 17 wherein the phosphate ester surfactant is selected from the group consisting of C12-16 Pareth-6 Phosphate, C8-10 Alkyl Ethyl Phosphate, C9-15 Alkyl Phosphate, Cetareth-2 Phosphate, Cetareth-4 Phosphate, Cetareth-5 Phosphate, Cetareth-10 Phosphate, Ceteth-8 Phosphate, Ceteth-10 Phosphate, Cetyl Phosphate, C6-10 Pareth-4 Phosphate, C12-13 Pareth-10 Phosphate, C12-15 Pareth-2 Phosphate, C12-15 Pareth-3 Phosphate, C12-15 Pareth-6 Phosphate, C12-15 Pareth-8 Phosphate, C12-15 Pareth-10 Phosphate, C12-16 Pareth-6 Phosphate, DEA-Cetareth-2 Phosphate, DEA-Cetyl Phosphate, DEA-Oleth-3 Phosphate, DEA-Oleth-5 Phosphate, DEA-Oleth-10 Phosphate, DEA-Oleth-20 Phosphate, Deceth-9 Phosphate, Deceth-4 Phosphate and Deceth-6 Phosphate.